

Message

From: Sternberg, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=26E35E7FEA6D4BDE8A7835A192EB76CB-DSTERNBE]
Sent: 1/4/2022 5:03:24 PM
To: Connolly, Colleen [coconnolly@pa.gov]
Subject: RE: B. Bruan

Thanks Colleen.

From: Connolly, Colleen <coconnolly@pa.gov>
Sent: Tuesday, January 04, 2022 11:46 AM
To: Sternberg, David <Sternberg.David@epa.gov>
Subject: B. Bruan

Here is info on DEP's plan approval for new emissions control at B. Braun.

On January 31st, 2020, the PA DEP issued a Plan Approval to B. Braun Medical Inc. to construct and operate enhanced emissions control equipment to further reduce emissions associated with B. Braun's medical instrument apparatus sterilization operations. The Plan Approval allows B. Braun to replace the existing Wet Scrubber Deoxx Unit and Catalytic Oxidizer with the Anguil System which consists of a peak shaver and catalytic oxidizer. Based on information provided by Anguil, the Anguil System is expected to achieve 99.9% emissions reduction or, for a lower concentration inlet stream, an exhaust concentration below 1 part per million by volume (ppmv). B. Braun will determine the specific emissions control efficiency via stack testing upon installation. In addition, B. Braun has installed a Dry Bed Unit control device for EtO emissions from the sterilization unit back vents. The Dry Bed Unit is an additional voluntary EtO control device that may further reduce actual EtO emissions. The Dry Bed Unit is expected to achieve greater than 99% emissions reduction which will be confirmed through future stack testing. The Department provided EPA with B. Braun's 2014 facility emissions data for their National Air Toxics Assessment (NATA) modeling project which resulted in the facility's estimated excess lifetime cancer risks exceeding the EPA level of concern of 100 in a million. Because of this study, B. Braun initiated this enhanced control initiative and the Department worked with B. Braun to expedite the review and issuance of the plan approval.

Thanks,

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